

Arboviral Surveillance Report

July 31, 2017

Surveillance

This report provides data on week 30 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Thirteen (13) mosquito pools tested positive for WNV from 11 different community areas.

Mosquitoes (data from 82 traps)

Week 30 (07/23/17 – 07/29/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	695
Number of Pools Tested	94
Number of Pools Positive	13
Number of Community Areas with Positive Mosquito Pools	11
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,107
Number of Female <i>Culex</i> Trapped and Tested	5,642
Number of Pools Tested	650
Number of Pools Positive	47
Number of Community Areas with Positive Mosquito Pools	17

Community Areas with Positive Mosquito Pools (Cumulative): Austin, Avalon Park, Beverly, Chatham, Chicago Lawn, Dunning, East Garfield Park, Gage Park, Hegewisch, Lincoln Square, O'Hare, Pullman, South Deering, South Lawndale, Washington Heights, West Pullman, West Town

Dead Birds: To date, 9 dead birds have been collected; one was negative, two were unable to be tested, and test results for the remaining 6 are pending.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 36 females and 7 males

Humans: No human cases reported.

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago remains low. In comparison to 2016 there are 60% fewer positive mosquito pools at this point in the season.

Larval and Adult Mosquito Control Efforts

Surveillance crews continue to monitor catch basins to assess the level of larvicide efficacy. No adulticide applications are planned at this time.

